



FEMA



Prepared by
Brian Hoeth

FEMA Region 6 Weather Threat Briefing

Thursday, May 16, 2019

Disclaimer: The purpose of this briefing is to provide a **Regional** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information. To find your local NWS forecast office, go to www.weather.gov/srh.

Summary of the Upcoming Week



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Today

- **No significant weather impacts expected.**

Friday through Monday

- **Severe storms and heavy rain expected over portions of the Region.**
 - **Friday: TX, OK**
 - **Saturday: TX, OK, AR, LA**
 - **Monday: TX, OK**

Major River Flooding or Known Evacuations

- **Major flooding continues on the MS River at Baton Rouge, LA with impacts primarily to navigation.**
- **Major flooding on the Upper Sabine River in NE TX, the Calcasieu and Ouachita Rivers in N LA, and the Trinity River at Liberty in SE TX.**
 - **Impacts primarily to roads/agriculture except some homes possibly flooded near Liberty.**

FEMA Region 6 Threat Matrix

May 16, 2019 – May 20, 2019



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DAY / THREAT	THU	FRI	SAT	SUN	MON
Severe Storms	NM, TX	W TX	CTX into Arklatex		NW TX into C OK
		W OK	OK, TX, AR, LA		OK, TX
Heavy Rain / Flash Flooding		TX, OK	OK, TX, AR		OK, TX
Winter Weather					
Fire Weather	NM, TX	NM, TX			
River Flooding	TX, LA	TX, LA	TX/LA	TX/LA	TX/LA
	AR	AR	AR	AR	AR

	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.

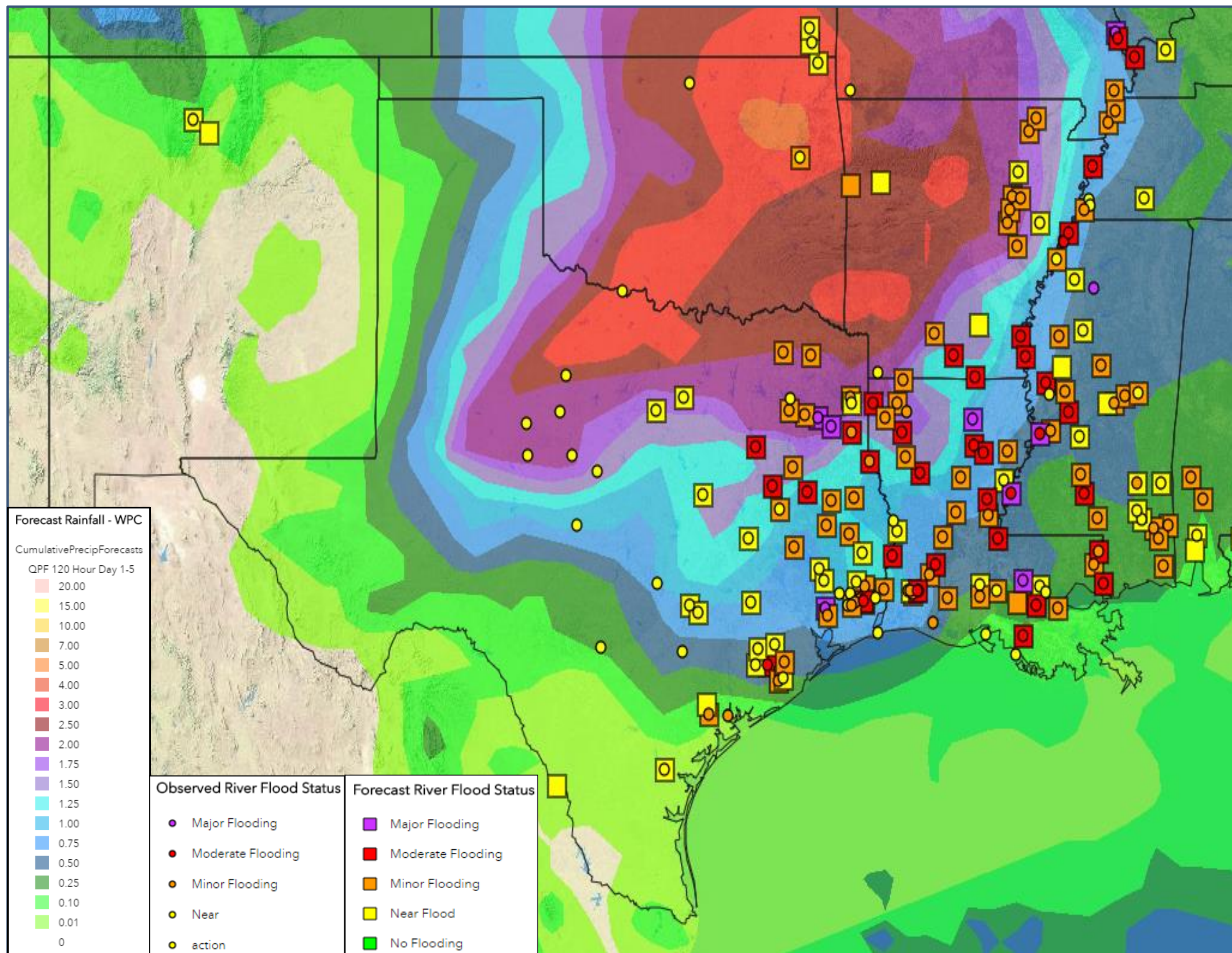
For more details on the colors in the threat matrix refer to the last slide in this briefing.

5-Day Precipitation Forecast & River Flood Status



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Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall



Points along the MS River in AR and LA remain at moderate/major flood stage.

- **Osceola (AR) will remain at moderate through middle of next week with many roads under water.**
- **At Red River Landing (LA), camps and roads will be flooded, and Angola Landing is flooded, closing the ferry.**
- **Near Baton Rouge, major flooding will continue with mostly navigational impacts.**

The USACE has re-opened the Bonnet Carre Floodway to reduce water levels at New Orleans & will remain open until further notice.

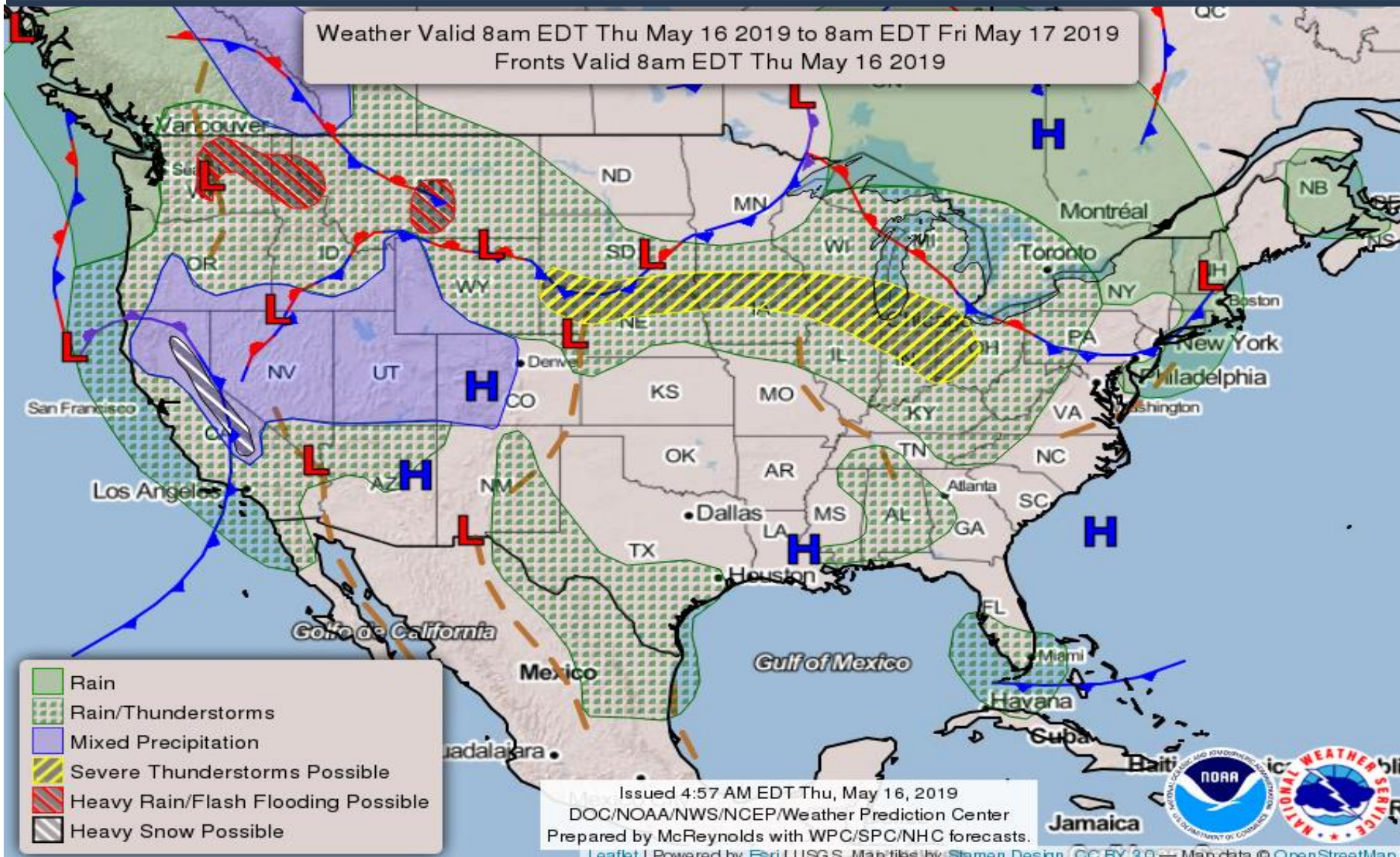
Minor to moderate river flooding is occurring across E TX, AR, OK, and LA. Impacts remain mostly to agriculture, roads and lowlands. Upper Sabine River in NE TX, Calcasieu and Ouachita Rivers in N LA, and Trinity River at Liberty in SE TX are at major flood stage. Impacts to roads and agriculture except for Liberty where some residences may be impacted.

Today's Weather

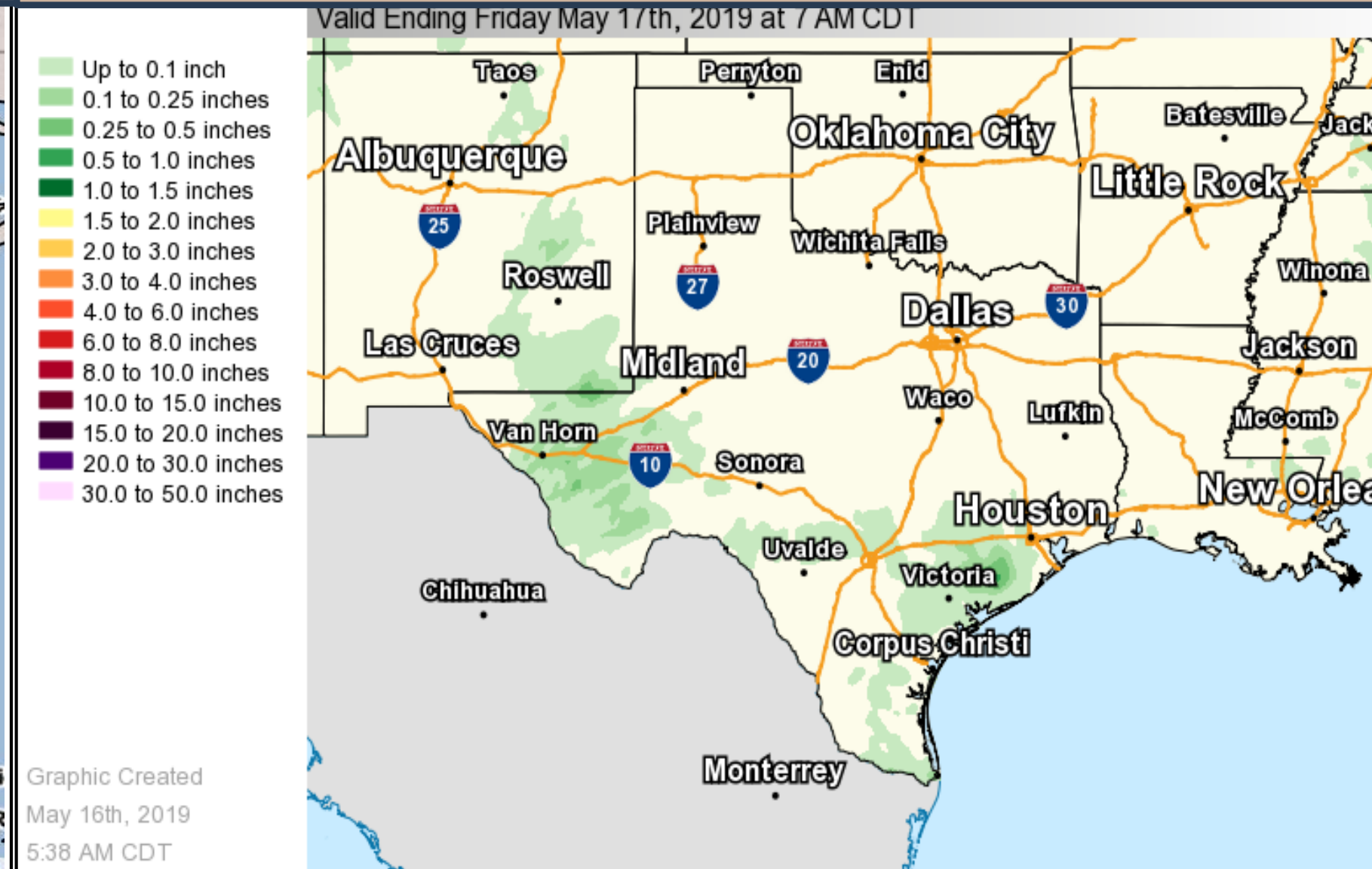


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Forecast Chart

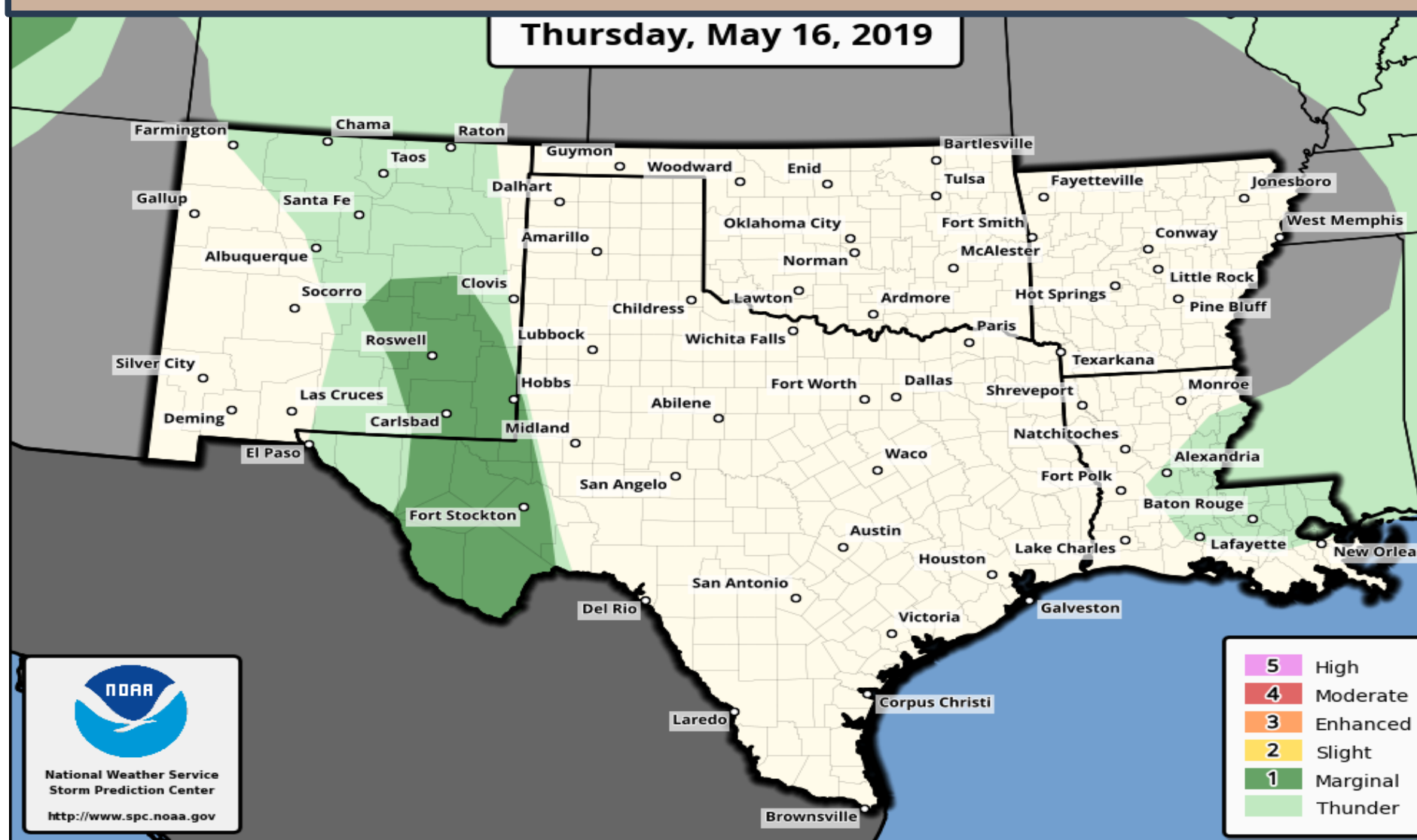


Forecast Rainfall



Isolated strong to severe storms w/ gusty winds and marginally severe hail possible this afternoon in SE NM and W TX.

Severe Weather Outlook



Excessive Rainfall Outlook

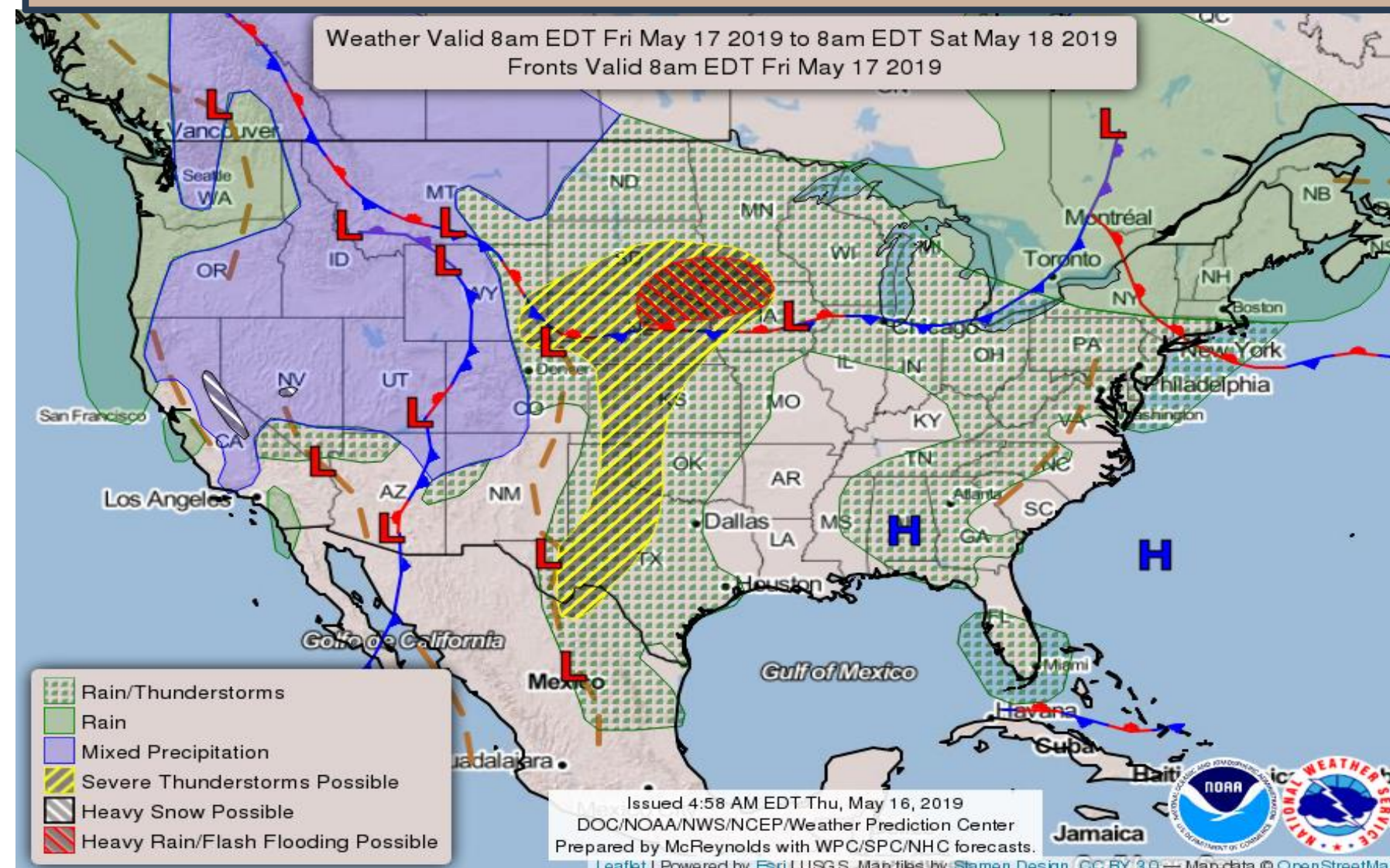


Tomorrow's Weather

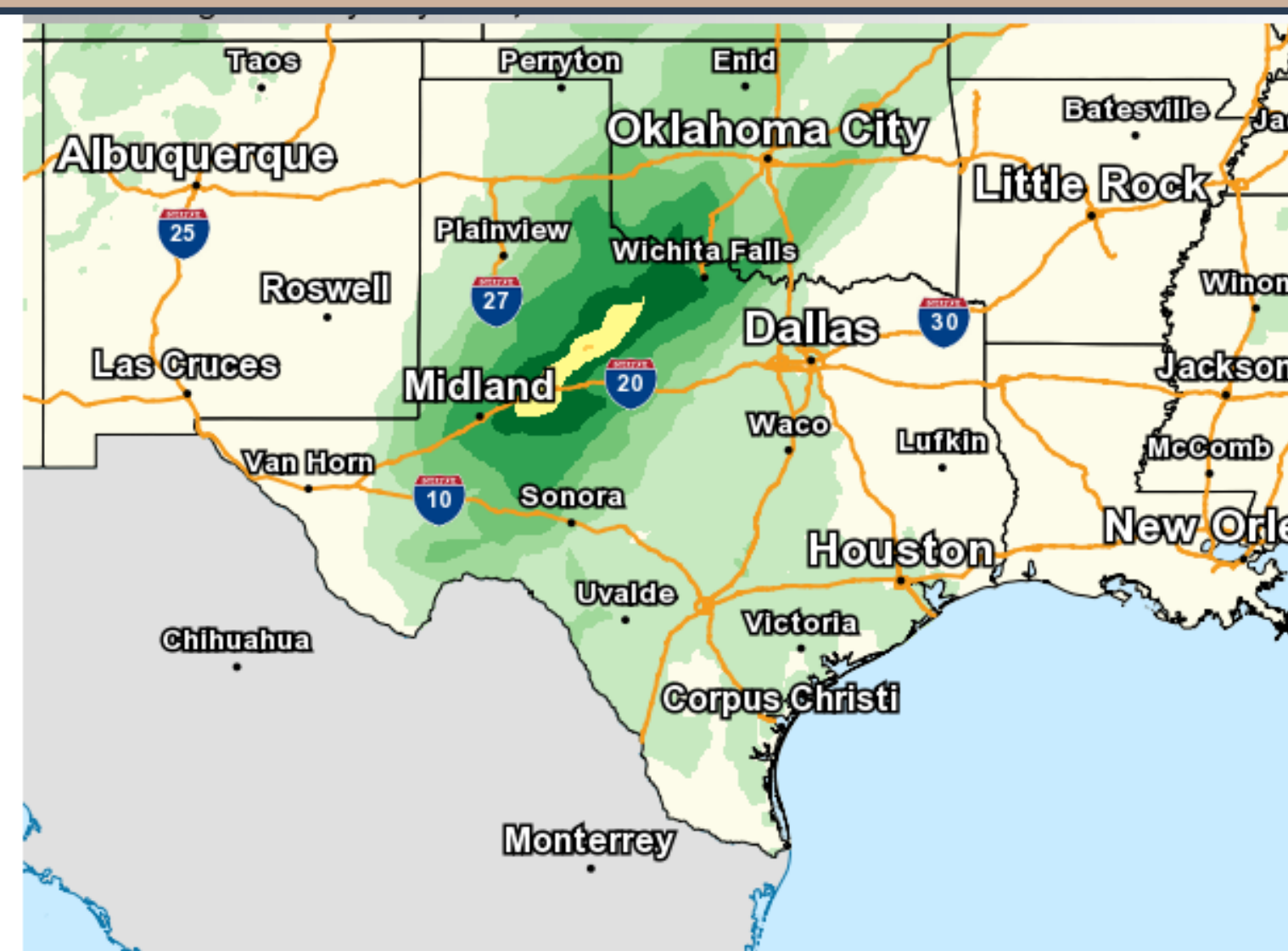
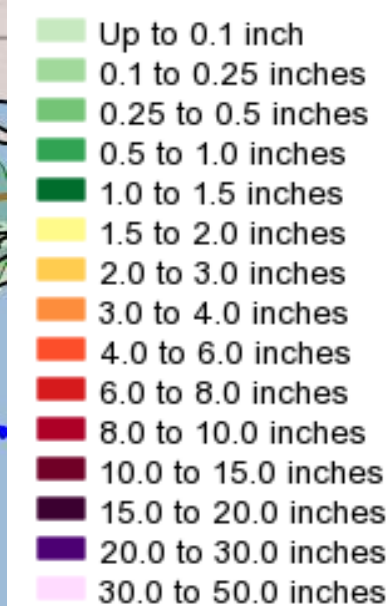


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Forecast Chart



Forecast Rainfall

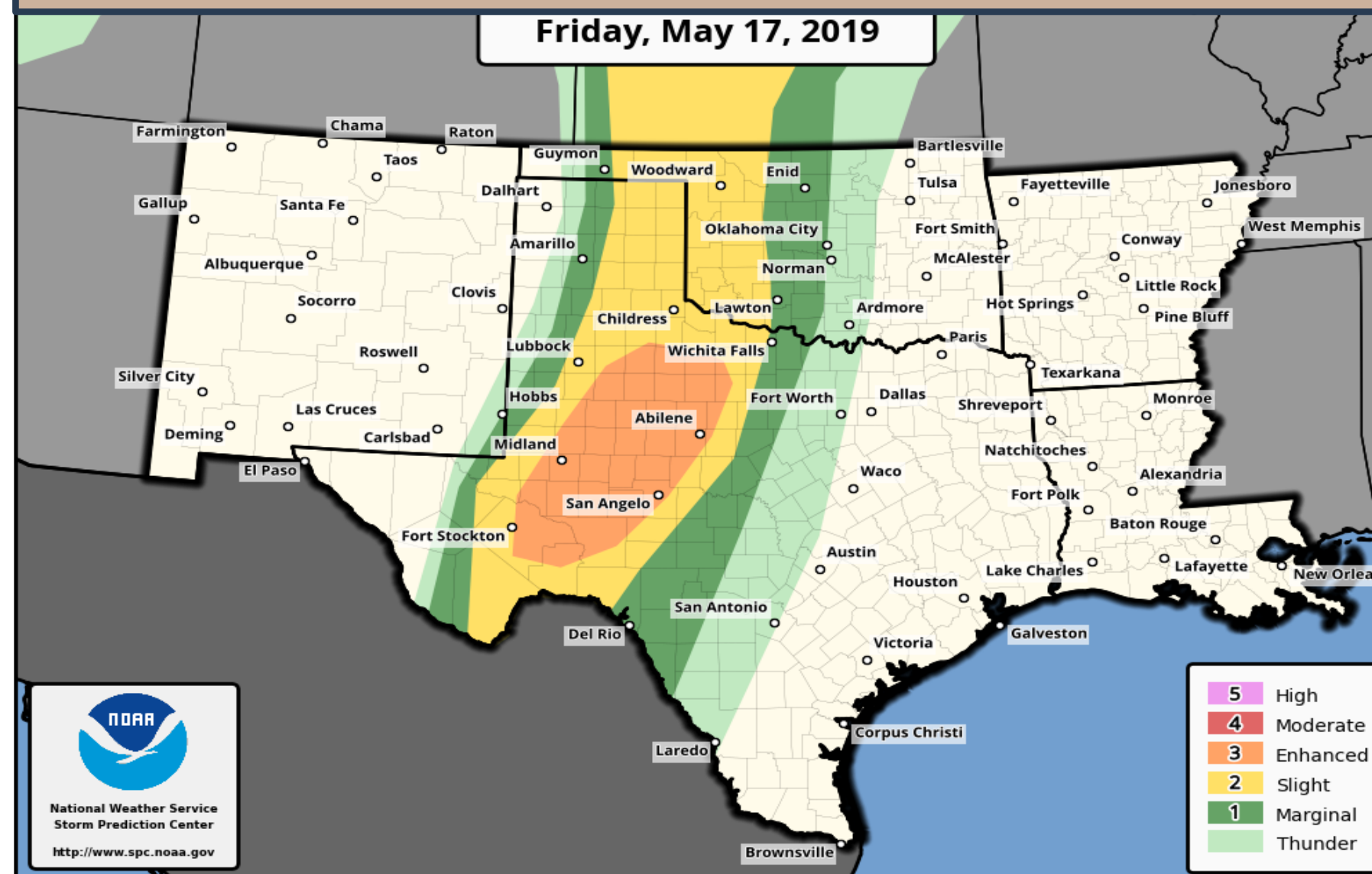


Graphic Created
May 16th, 2019
5:40 AM CDT

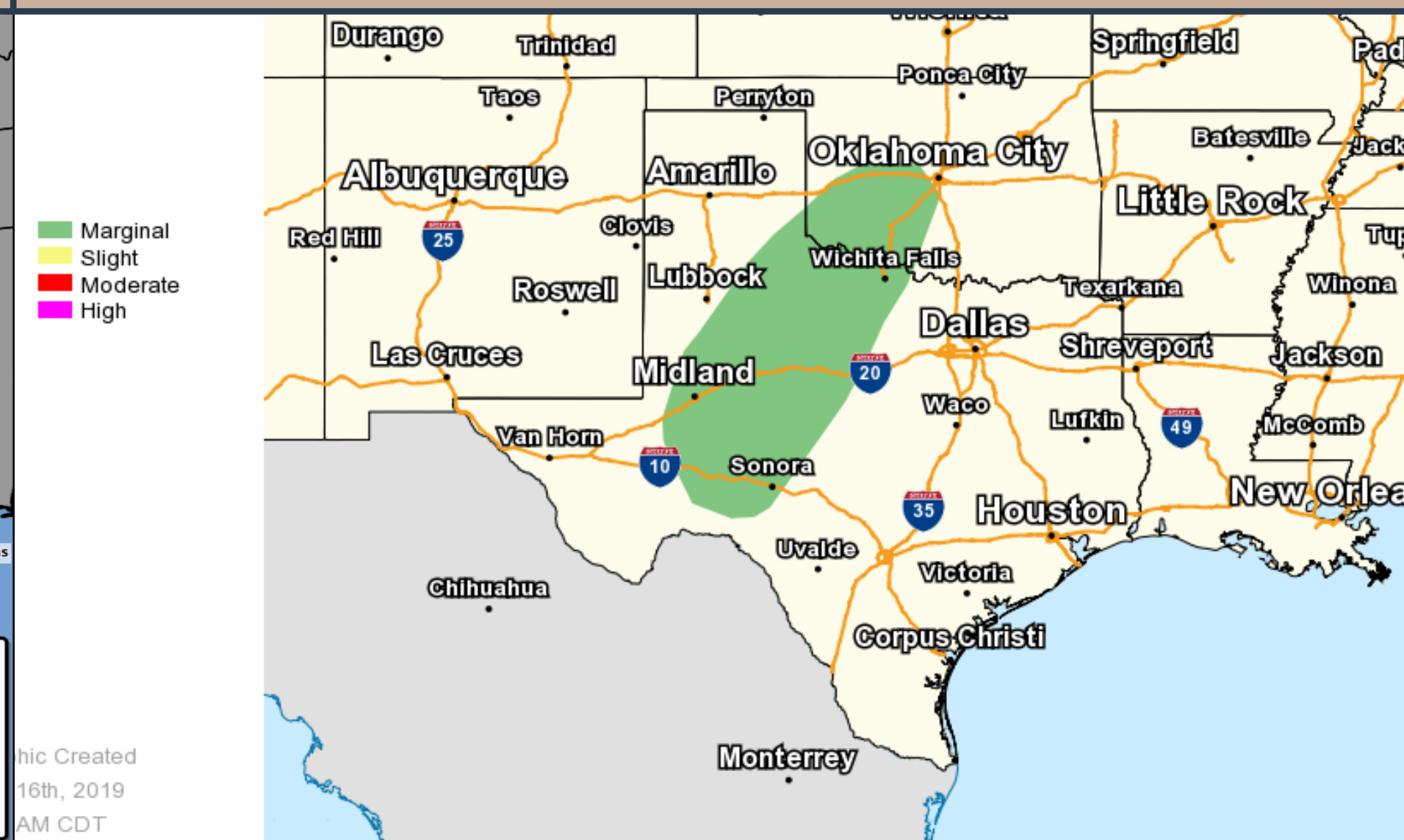
Severe storms expected late Friday afternoon into Friday night for W TX into W OK; Very large hail (>2"), damaging winds, and a few tornadoes are possible.

Isolated heavy rain/flash flooding possible for W TX into SW OK.

Severe Weather Outlook



Excessive Rainfall Outlook

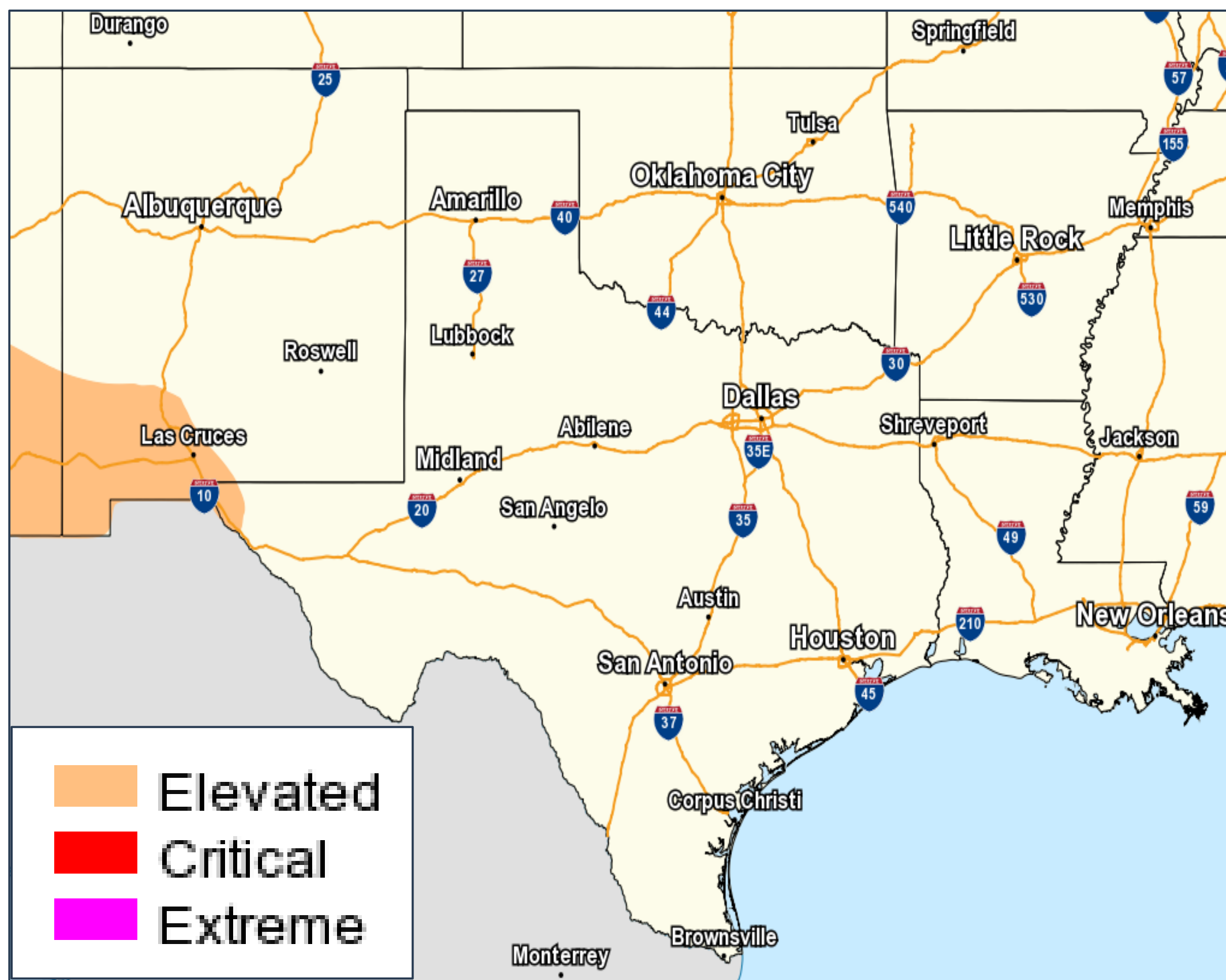


Fire Weather Outlooks

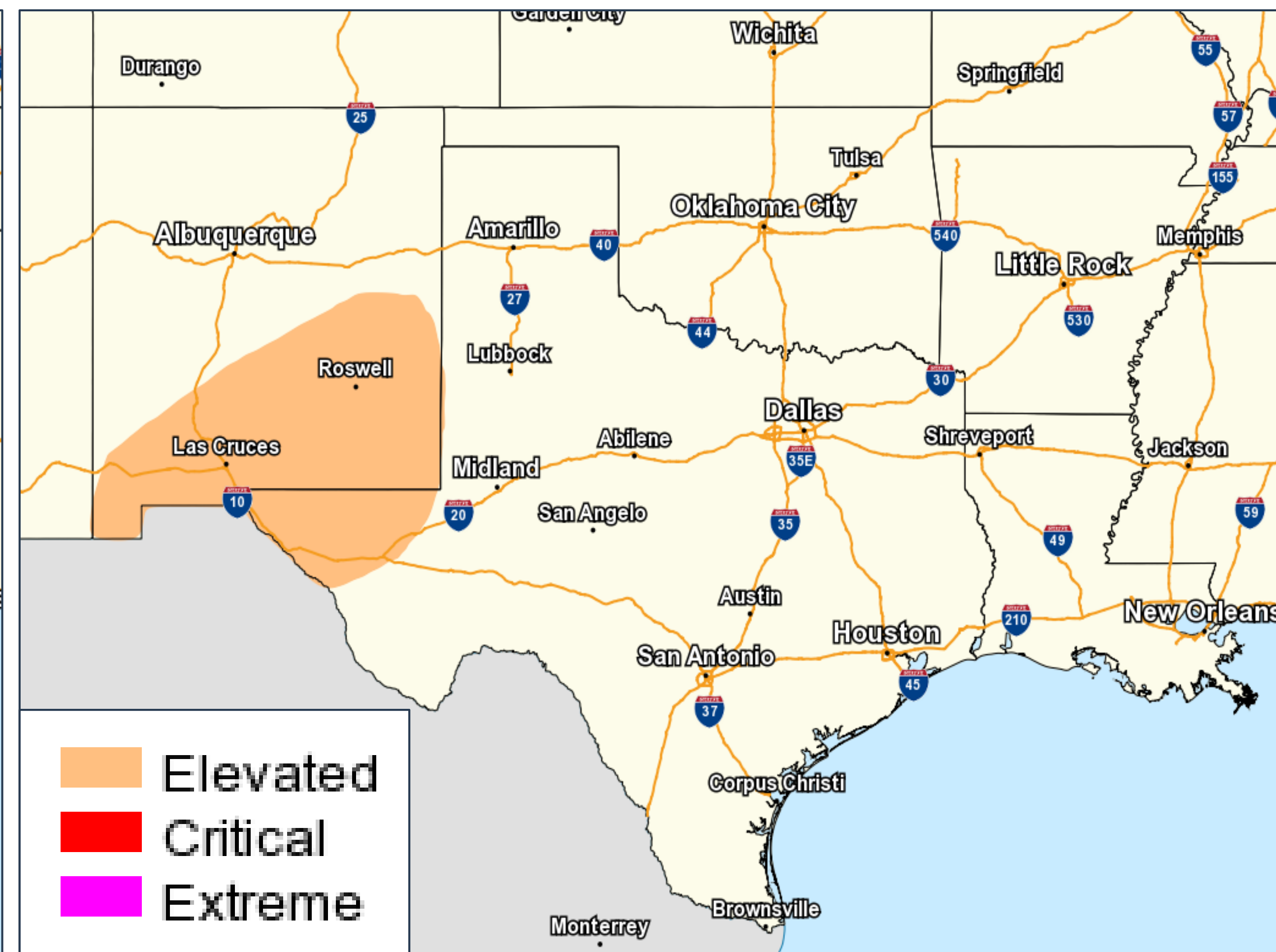


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Today's Fire Weather Outlook



Tomorrow's Fire Weather Outlook



Saturday's Weather



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Forecast Chart

Forecast Rainfall

Severe storms are possible over a large area Saturday, including much of TX/OK/AR/LA, with the greatest threat across central/northeast Texas toward the Arklatex where a few tornadoes, hail and wind are possible.

Severe Weather Outlook

Excessive Rainfall Outlook

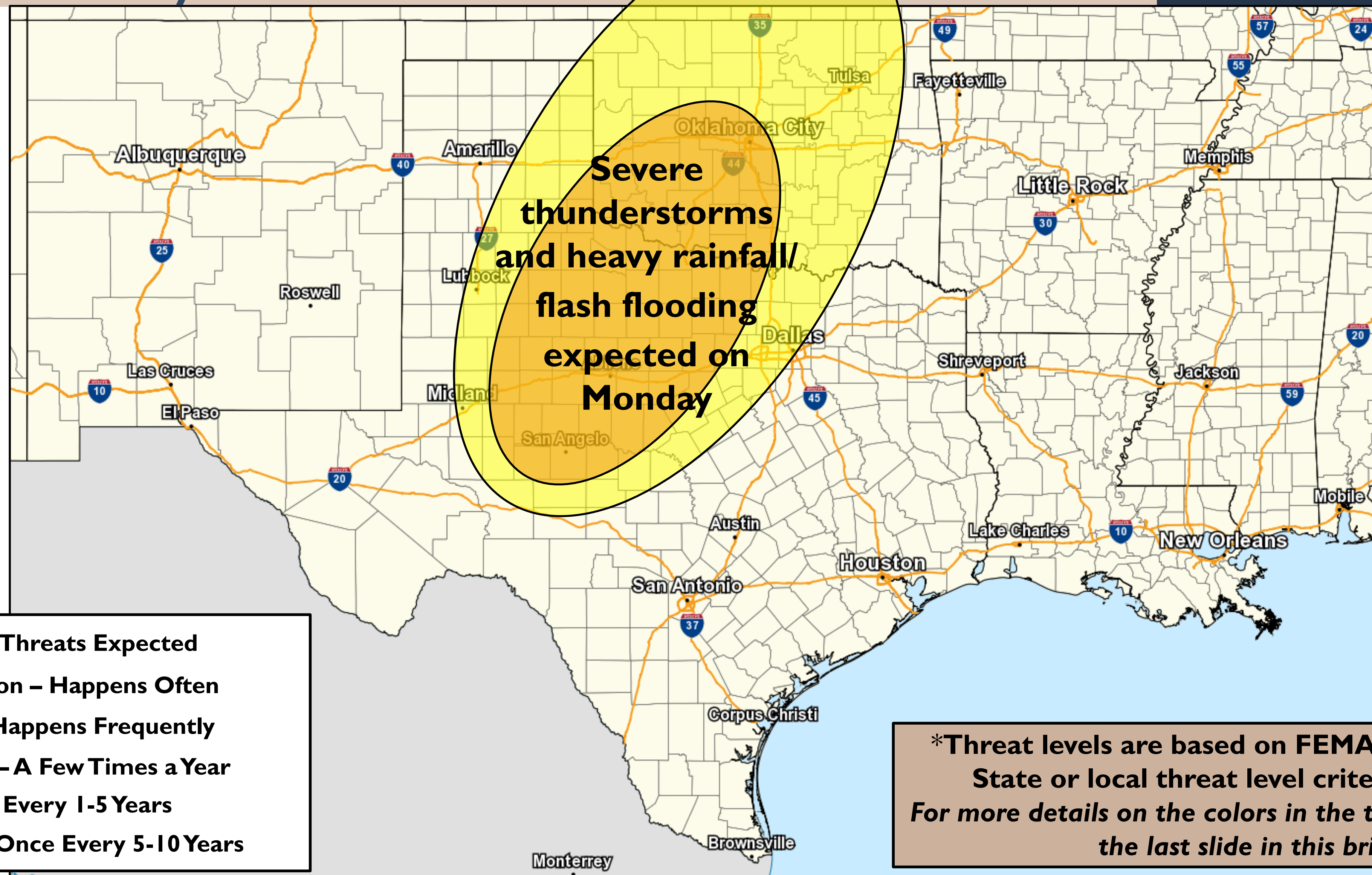
Areas of heavy rain/flash flooding possible for N TX, E OK, and W AR.

Days 4-5 Weather Hazards

Sunday - Monday



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- No Weather Threats Expected
- Very Common – Happens Often
- Common – Happens Frequently
- Uncommon – A Few Times a Year
- Rare – Once Every 1-5 Years
- Very Rare – Once Every 5-10 Years

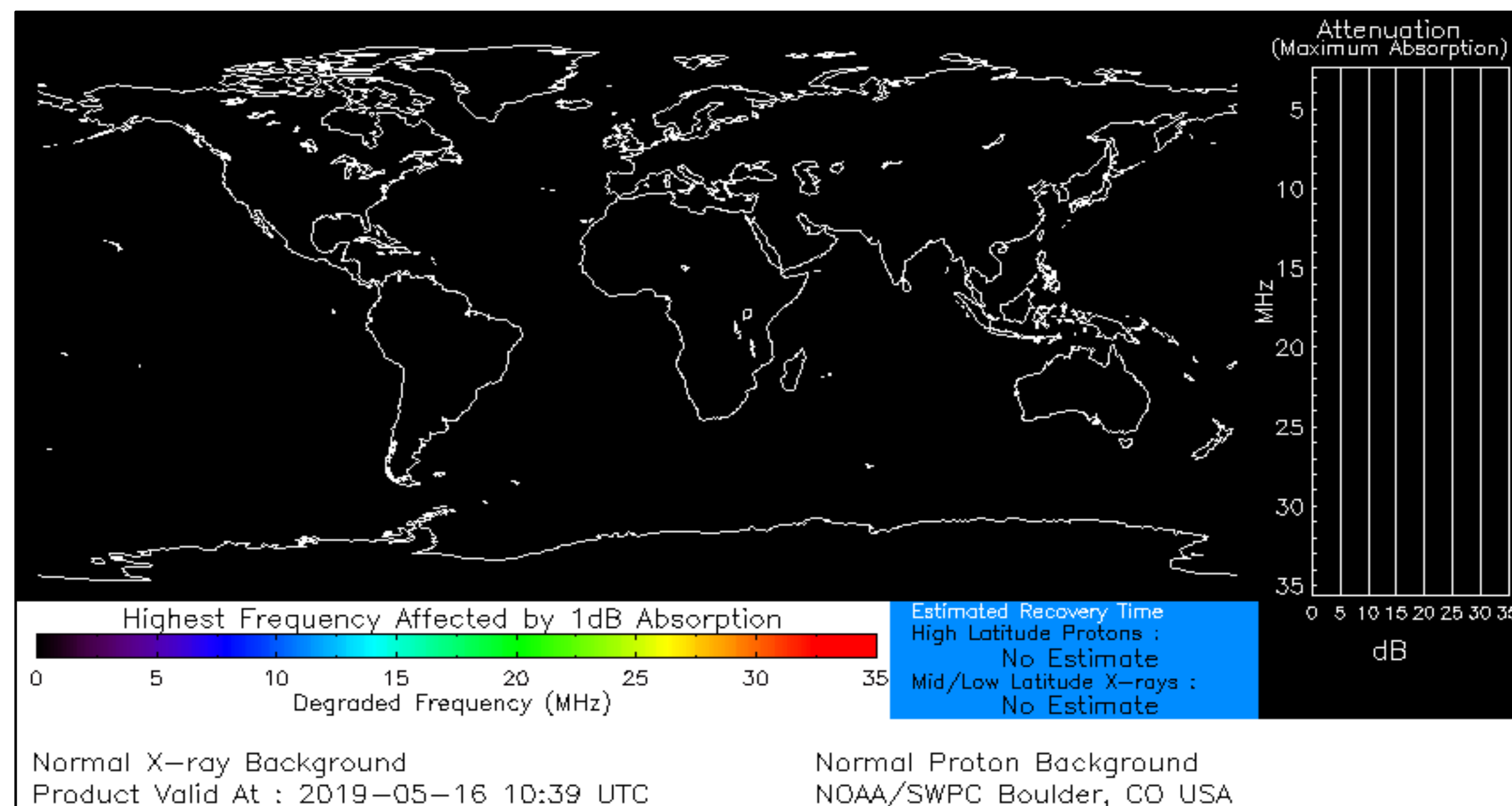
**Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.*
For more details on the colors in the threat matrix refer to the last slide in this briefing.*

Space Weather 3-Day Forecast



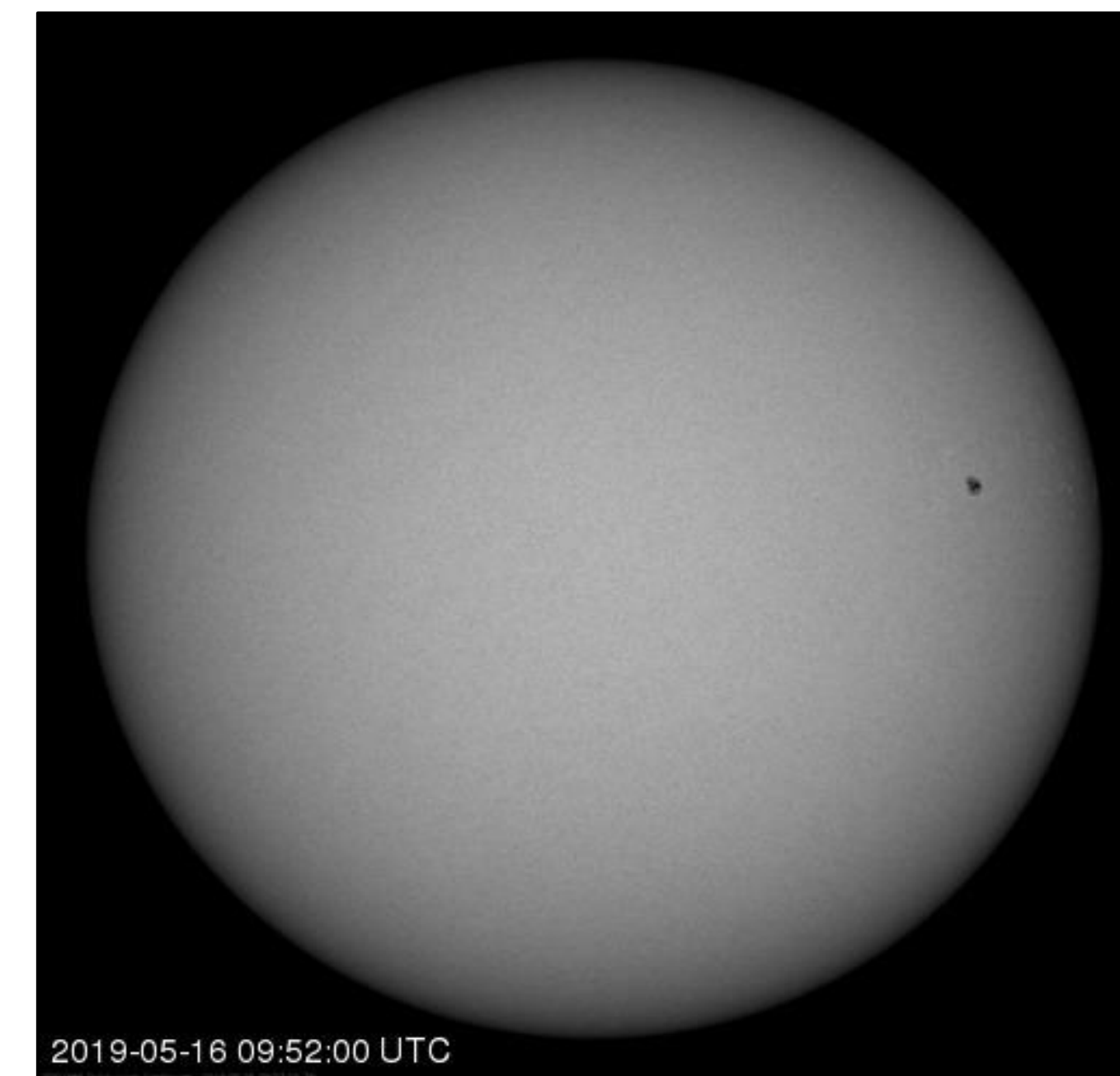
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	Thursday	Friday	Saturday
Geomagnetic Storms	Moderate (G2) Storm (Max Kp = 6)	Minor (G1) Storm (Max Kp = 5)	Quiet (Max Kp = 2)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	1%	1%	1%
Radio Blackout (R3-R5)	1%	1%	1%



[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)





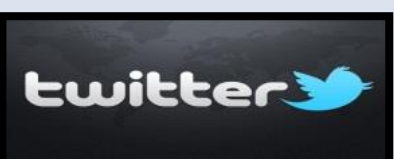
For more information, please contact:

National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX

Phone: (682) 703-3747

E-mail: sr-srh.roc@noaa.gov

Web: <http://www.weather.gov/srh>



Weather “Threat” Matrix			
Color	Definition	Criteria	Example(s)
Green	Very Common Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX
Yellow	Somewhat Common – Happens Frequently Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1” hail
Orange	Uncommon – A Few Times a Year Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail Some large fires reported, burn bans advertised, critical conditions expected
Red	Rare – Once every 1-5 Years Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail Large fires ongoing throughout the area with critical fire weather conditions expected to continue
Purple	Very Rare – Once Every 5-10 Years Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms

Criteria for the color codes in this briefing is to the left, please provide any feedback to

sr-srh.roc@noaa.gov